What is claimed is:

1   1.   A method of opening/closing a disk tray in a disk
2   drive, comprising the steps of:
3   when a first event occurs, sending a load/unload
4   command to the disk drive, to which the disk
5   drive responds with a second or third event; and
6   resending the load/unload command to the disk drive
7   when the disk drive responds to the previous
8   load/unload command with the third event.

1   2.   The method as claimed in claim 1, wherein the
2   first event is clicking an eject button shown on a screen.

1   3.   The method as claimed in claim 1, wherein the
2   second event returns a value for the load/unload command
3   after a certain period of time.

1   4.   The method as claimed in claim 1, wherein the
2   third event returns a value for the load/unload command
3   immediately.

1   5.   The method as claimed in claim 1, wherein the
2   load/unload command is defined by the ATAPI CD-ROM
3   specification SFF-8020.

1   6. The method as claimed in claim 1, wherein the unload
2   command is resent if the disk drive receives the load
3   command previously and responds with the third event.

1   7. The method as claimed in claim 1, wherein the load
2   command is resent if the disk drive receives the unload
3   command previously and responds with the third event.

1   8.   A method of opening/closing a disk tray in a disk
2   drive, comprising the steps of:
3   when a first event occurs, sending a load/unload
4   command to the disk drive and receiving a value
5   returned by the disk drive for the load/unload
6   command;
7   calculating a time period from the sending of the
8   load/unload command to the receiving of the
9   returned value; and
10   resending the load/unload command when the calculated
11   time period is shorter than a threshold.

1   9.   The method as claimed in claim 8, wherein the
2   first event is clicking an eject button shown on a screen.

1   10. The method as claimed in claim 8, wherein the
2   calculating of the time period comprises the steps of:
3   recording a first clock value corresponding to the time
4   when the load/unload command is sent;
5   recording a second clock value corresponding to the
6   time when the returned value is received; and
7   obtaining the time period according to a difference
8   between the first and second clock value.

1   11. The method as claimed in claim 8, wherein the
2   threshold is about 0.5 second.

1   12.   The method as claimed in claim 6, wherein the
2 load/unload command is defined by the ATAPI CD-ROM
3 specification SFF-8020.